
4. Encryption

Program Name: Encryption.java

Input File: encryption.dat

As part of an encryption system, you will be given a string of numbers using which you will then create an encryption number. This number will be taken by finding the least common multiple of the numbers.

Input

The first line will contain a number 't' less than 100 specifying the number of lines to follow. The rest of the lines will contain a list of numbers of unspecified length.

Output

For each test case print out the LCM.

Constraints

1 \leq t $<$ 100
0 $<$ numbers
1 \leq answer $<$ 10^{12}

Example Input File

```
2
3 4 2 9
1 3 5 7
```

Example Output to Screen

```
36
105
```